



EXHIBIT A

CLAIMS PENDING AS OF JULY 24, 2000
IN SERIAL NO. 09/401,839
(ATTORNEY DOCKET NO.: 1803-247)

33. A monoclonal antibody which specifically reacts with cytotoxic lymphocyte maturation factor (CLMF) protein, said protein comprising:

- (a) a first subunit having an apparent molecular weight of approximately 40 kD under reducing conditions on SDS PAGE and comprising the amino acid sequence of FIG. 25A-25D (SEQ ID NO:3) from amino acids 23 to 328; and
- (b) a second subunit having an apparent molecular weight of approximately 30-35 kD under reducing conditions on SDS PAGE and comprising the amino acid sequence of FIG. 26A-26C (SEQ ID NO:5) from amino acid 23 to 219.

34. The monoclonal antibody of Claim 33 wherein the CLMF protein is capable of inducing proliferation of phytohemagglutinin (PHA)-activated peripheral blood lymphocytes.

35. The monoclonal antibody of Claim 33 wherein said antibody reacts with said first subunit.

36. The monoclonal antibody of Claim 33 wherein said antibody reacts with said second subunit.

37. A monoclonal antibody which specifically reacts with a subunit of cytotoxic lymphocyte maturation factor (CLMF) protein, said subunit having an apparent

molecular weight of approximately 40 kD under reducing conditions on SDS PAGE and comprising the amino acid sequence of FIG. 25A-25D (SEQ ID NO:3) from amino acids 23 to 328.

38. (Amended) A monoclonal antibody which specifically reacts with a subunit of cytotoxic lymphocyte maturation factor (CLMF) protein, said subunit having an apparent molecular weight of approximately 30-35 kD under reducing conditions on SDS PAGE and comprising the amino acid sequence of FIG. 26A-26C (SEQ ID NO:5) from amino acid 23 to 219.